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PTO/SB/05 (8-86)  
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# NEW UTILITY PATENT APPLICATION TRANSMITTAL

(to be used for new applications only)

Attorney Docket Number

P00044702

First Named Inventor

Peter Reintjes

Total Pages in this Submission

57

## APPLICATION ELEMENTS

Notice: Checklist items mentioned under Application Elements section construct a new utility patent application. Please refer to MPEP Sections 506, 601, (37CFR 1.77, 1.53, 35 USC 111, 112, 113) for detailed explanation regarding completeness of an original patent application.

1. ☒ Fee Transmittal Form (prescribed filing fee(s))

2. Specification

☒ Title of the Invention

☐ Cross References to Related Applications  
(if applicable)

☐ Statement Regarding Federally-sponsored  
Research/Development (if applicable)

☐ Reference to Microfiche Appendix  
(if applicable)

☒ Background of the Invention

☒ Brief Summary of the Invention

☒ Brief Description of the Drawings  
(if drawings filed)

☒ Detailed Description

☒ Claim or Claims

☒ Abstract of the Disclosure

3. ☒ Drawing(s) (when necessary as prescribed by  
35 USC 113)

4. ☒ Executed Declaration

5. Genetic Sequence Submission  
(if applicable, all must be included)

☐ Paper Copy

☐ Computer Readable Copy

☐ Statement Verifying Identical Paper and  
Computer Readable Copy

## ACCOMPANYING APPLICATION PARTS

6. ☒ Assignment Papers

7. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)

8. ☐ Computer Program in Microfiche

9. ☐ English Translation Document (if applicable)

10. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS  
Citations

11. ☐ Petition Checklist and Accompanying Petition

12. ☐ Preliminary Amendment

13. ☐ Proprietary Information

14. ☒ Return Receipt Postcard

15. ☒ Small Entity Statement

16. ☒ Additional Enclosures (please identify below):

Description of prior art attached  
to IDS

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

John C. Smith, Esq.

Signature

Date

December 1, 2000

## FOR OFFICIAL USE ONLY

Application Number		Class		Independent Claims	
Date of Receipt	Application Type	GAU		Total Claims	
	Filing Date	Foreign Filing License?		Drawing Sheets	
	Small Entity	Foreign Address?		Special Handling?	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FEE TRANSMITTAL	Complete if Known	
	Application Number	
	Filing Date	December 1, 2000
	First Named Inventor	Peter Reintjes
	Group Art Unit	
	Examiner Name	
TOTAL AMOUNT OF PAYMENT (\$)	529.00	
	Attorney Docket Number	P00044702

<p><b>METHOD OF PAYMENT (check one)</b></p> <p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: <input style="width: 150px;" type="text"/></p> <p>Deposit Account Name: <input style="width: 150px;" type="text"/></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17    <input type="checkbox"/> Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center; font-weight: bold;">FEE CALCULATION (fees effective 10/01/96)</p> <p><b>1. FILING FEE</b></p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> <th>Fee Code (\$)</th> </tr> </thead> <tbody> <tr> <td>101</td> <td>770</td> <td>201</td> <td>385</td> <td>Utility filing fee</td> <td>345.00</td> </tr> <tr> <td>106</td> <td>320</td> <td>206</td> <td>160</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>107</td> <td>530</td> <td>207</td> <td>265</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>108</td> <td>770</td> <td>208</td> <td>385</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>114</td> <td>150</td> <td>214</td> <td>75</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$)</b> 345.00</td> </tr> </tbody> </table> <p><b>2. 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late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,460	147	2,460	For filing a request for reexamination		112	900	112	900	Requesting publication of SIR prior to Examiner action		113	1,790	113	1,790	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for response within first month		116	390	216	195	Extension for response within second month		117	930	217	465	Extension for response within third month		118	1,470	218	735	Extension for response within fourth month		119	300	219	150	Notice of Appeal		120	300	220	150	Filing a brief in support of an appeal		121	260	221	130	Request for oral hearing		138	1,470	138	1,470	Petition to institute a public use proceeding		140	110	240	55	Petition to revive unavoidably abandoned application		141	1,290	241	645	Petition to revive unintentionally abandoned application		142	1,290	242	645	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	650	244	325	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Petitions related to provisional applications		126	230	126	230	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	770	246	385	Filing a submission after final rejection (37 CFR 1.129(a))		149	770	249	385	For each additional invention to be examined (37 CFR 1.129(b))		Other fee (specify) _____						Other fee (specify) _____						<b>SUBTOTAL (3)</b>					<b>(\$)</b> 40.00
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SUBMITTED BY				Complete (if applicable)	
Typed or Printed Name	John C. Smith, Esq.			Reg. Number	33,284
Signature				Date	12/1/2000
				Deposit Account User ID	